

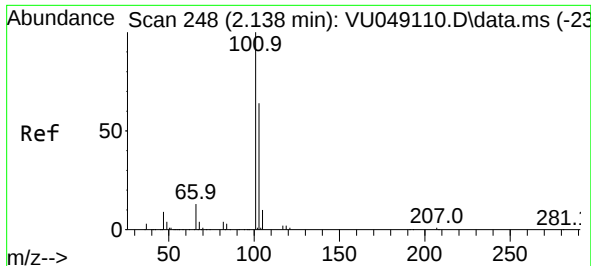
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049120.D
 Acq On : 14 Jun 2022 17:44
 Operator : SY/MD
 Sample : N3278-13 8000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF4

Quant Time: Jun 15 03:18:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	146465	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59833	4.675	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.912	69	42321	4.885	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.565	65	24604	4.780	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.633	46	195428	57.191	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.380%	
24) Chloroform-d	5.067	84	97523	4.857	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.706	65	56170	5.100	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	5.729	84	201994	5.025	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.690	67	69117	5.066	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.899	98	180720	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.182	79	28981	4.781	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.636	63	128477	52.542	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.080%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56159	5.141	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	64640	5.230	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
9) Trichlorofluoromethane	2.137	101	1440	0.101	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	693	0.082	ug/L #	21
34) Trichloroethene	6.542	95	98921	9.746	ug/L	100
35) Methylcyclohexane	6.694	83	15284	0.898	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	7429	0.681	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2479	0.149	ug/L #	73
47) Tetrachloroethene	8.555	164	3970	0.567	ug/L	92
49) Dibromochloromethane	8.555	129	4388	0.506	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	8450	1.169	ug/L #	70

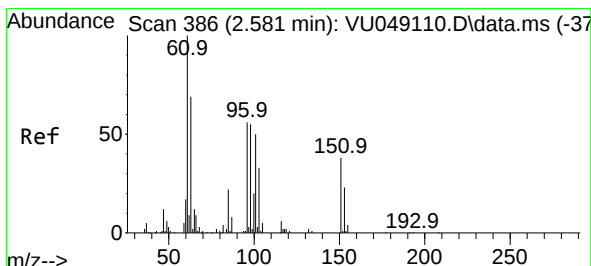
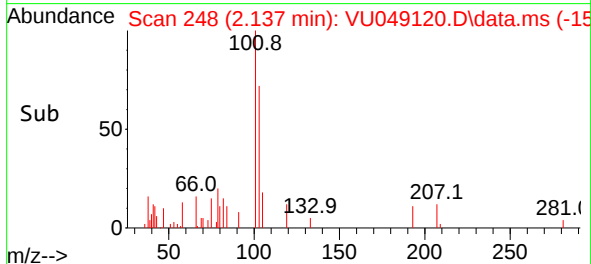
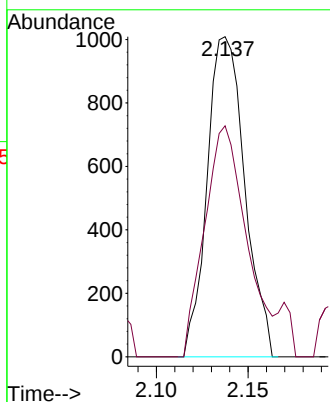
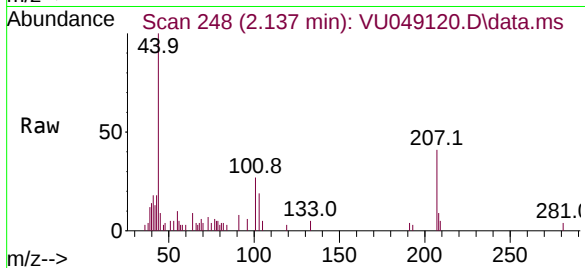
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 0.101 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049120.D
 Acq: 14 Jun 2022 17:44

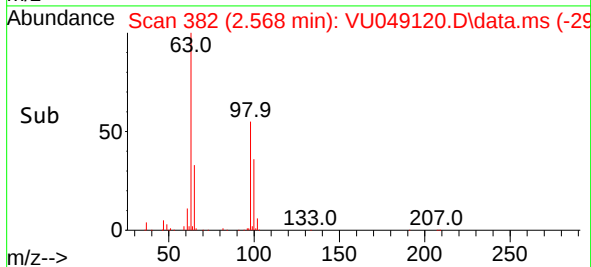
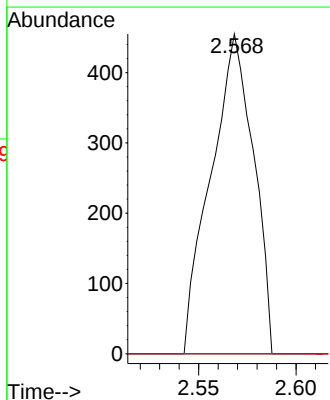
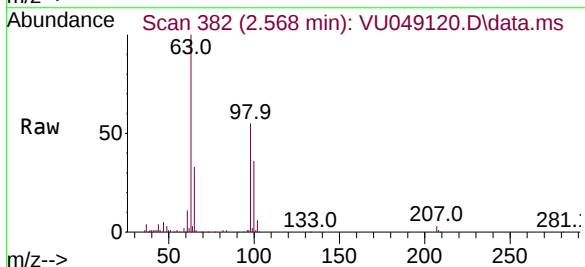
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 MSVOA_U
 ClientSampleId :
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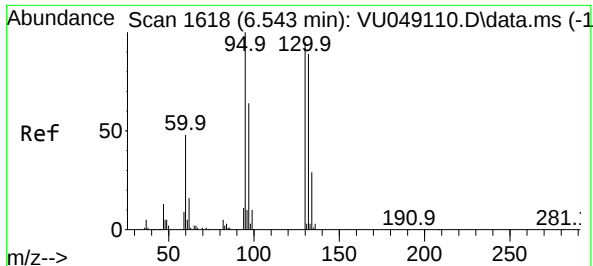
Tgt Ion:101 Resp: 1440
 Ion Ratio Lower Upper
 101 100
 103 80.0 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.082 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049120.D
 Acq: 14 Jun 2022 17:44

Tgt Ion:101 Resp: 693
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

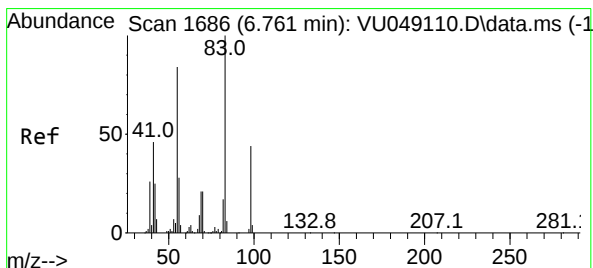
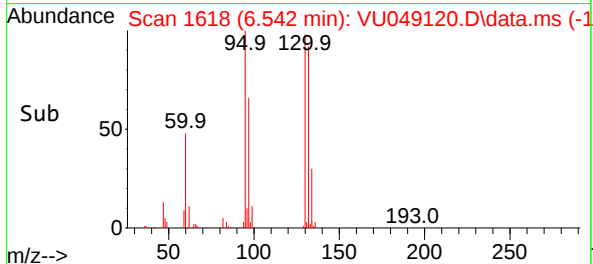
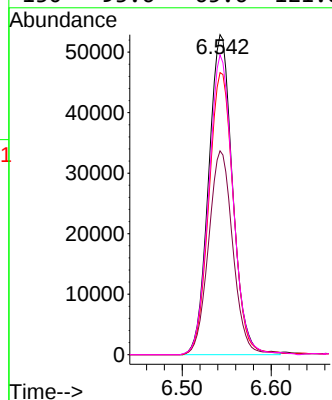
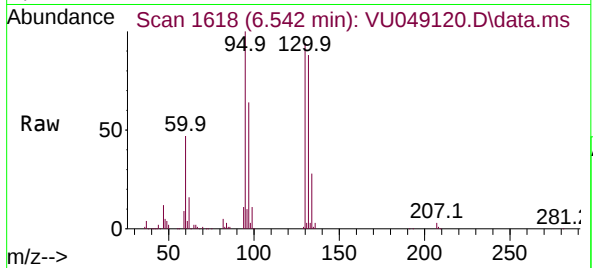




#34
Trichloroethene
Concen: 9.746 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049120.D
Acq: 14 Jun 2022 17:44

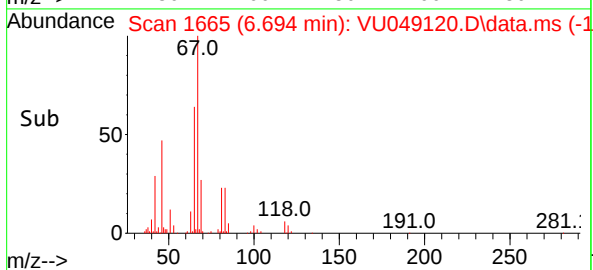
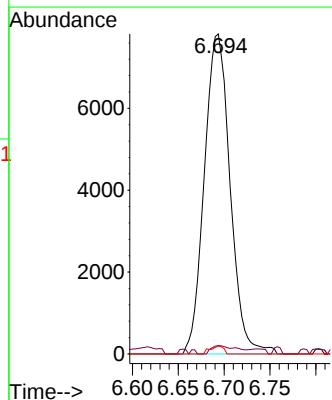
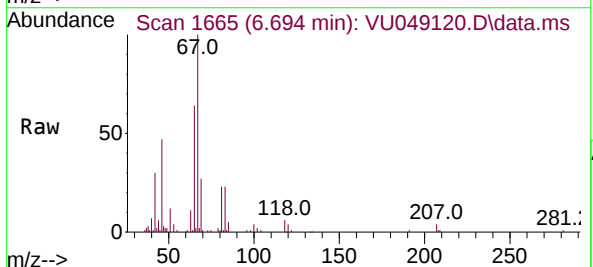
Instrument :
MSVOA_U
ClientSampleId :
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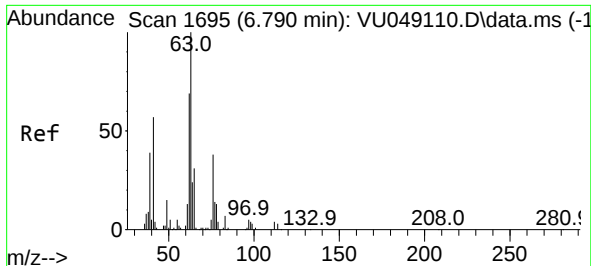
Tgt Ion: 95 Resp: 98921
Ion Ratio Lower Upper
95 100
97 63.7 45.3 84.1
132 88.2 61.5 114.3
130 93.6 65.6 121.8



#35
Methylcyclohexane
Concen: 0.898 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU049120.D
Acq: 14 Jun 2022 17:44

Tgt Ion: 83 Resp: 15284
Ion Ratio Lower Upper
83 100
55 1.7 66.9 100.3#
98 1.3 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.681 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU049120.D

Acq: 14 Jun 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

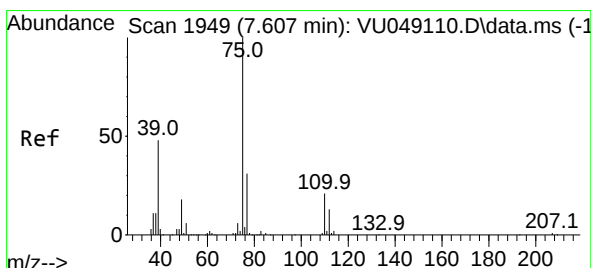
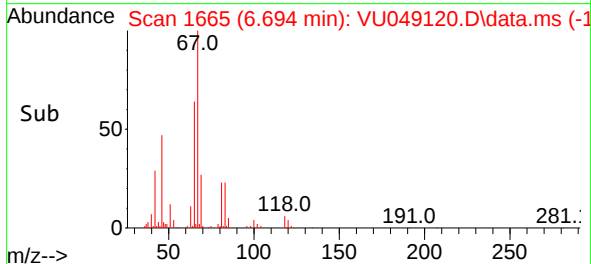
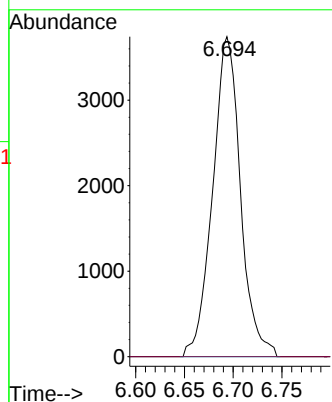
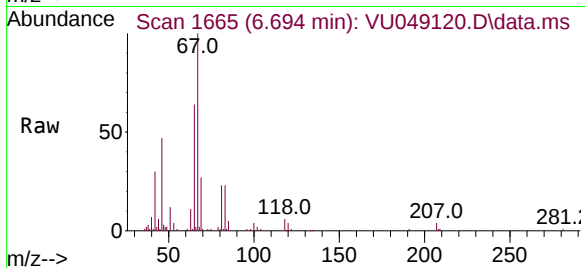
C0BF4

Tgt Ion: 63 Resp: 7429

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.149 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049120.D

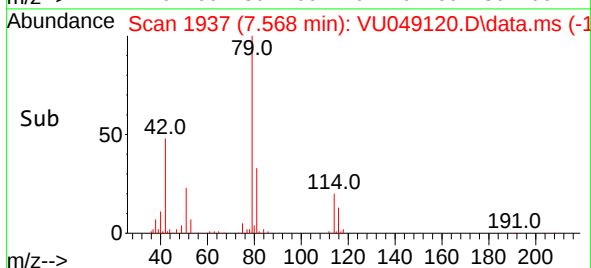
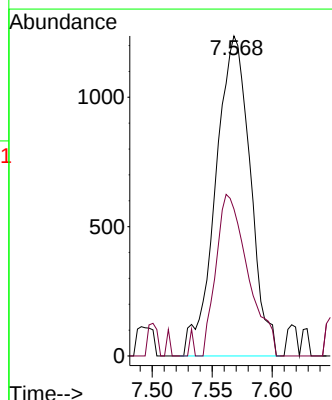
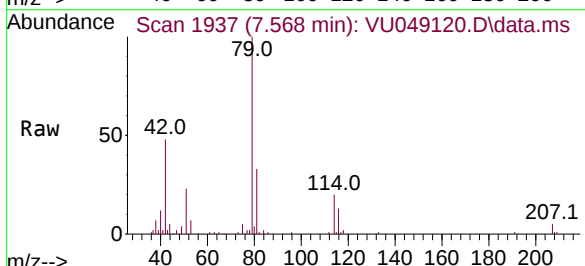
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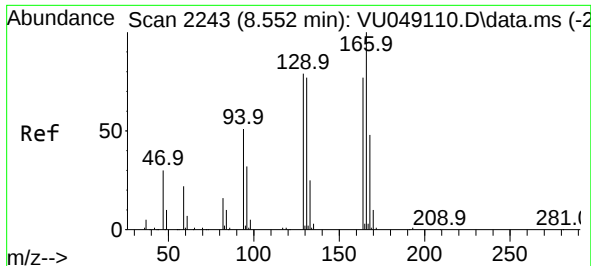
Tgt Ion: 75 Resp: 2479

Ion Ratio Lower Upper

75 100

77 45.9 21.8 40.4#

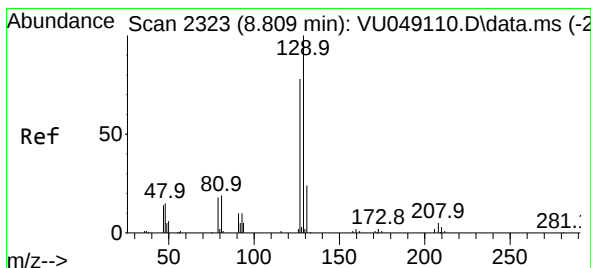
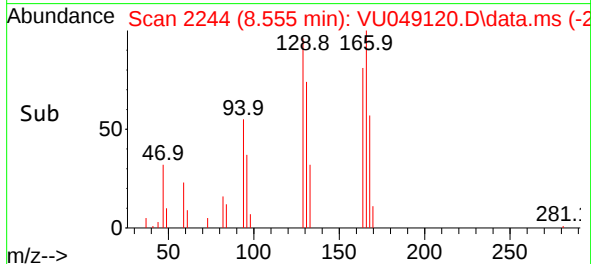
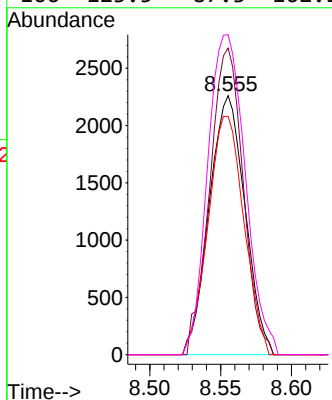
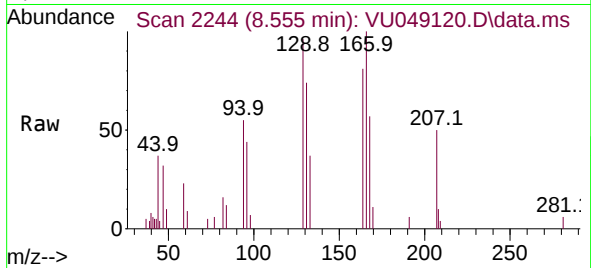




#47
Tetrachloroethene
Concen: 0.567 ug/L
RT: 8.555 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU049120.D
Acq: 14 Jun 2022 17:44

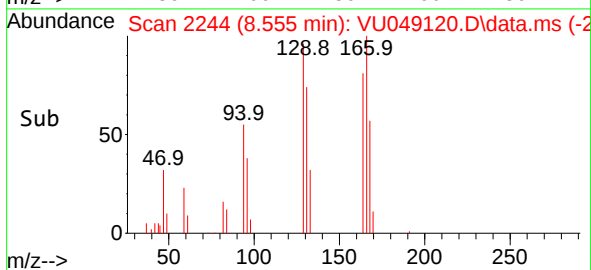
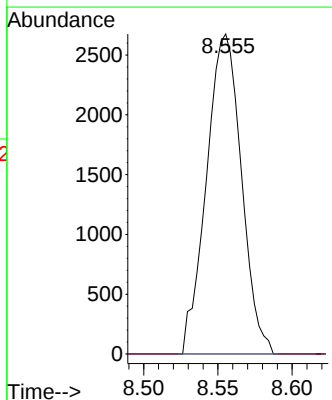
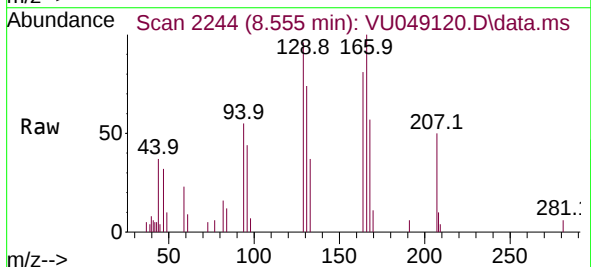
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MSVOA_U
ClientSampleId :
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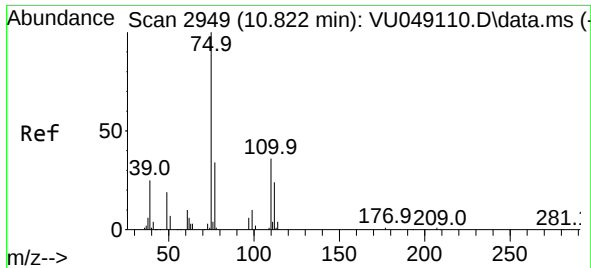
Tgt Ion:	164	Resp:	3970
Ion	Ratio	Lower	Upper
164	100		
129	118.3	69.8	129.6
131	92.0	67.8	125.8
166	123.5	87.3	162.1



#49
Dibromochloromethane
Concen: 0.506 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.254 min
Lab File: VU049120.D
Acq: 14 Jun 2022 17:44

Tgt Ion:	129	Resp:	4388
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.169 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049120.D
 Acq: 14 Jun 2022 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BF4

Tgt Ion: 75 Resp: 8450
 Ion Ratio Lower Upper
 75 100
 110 3.2 29.0 43.4#
 77 32.2 26.2 39.2

